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Order from OTS or SLA \$1.10

62-18071

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zenes, Toluenes, Cumenes, Styrenes, Vapors, \*Van-  
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Teka). Feb 61 [8]p. 6 refs. RTS 1689.  
Order from LC or SLA mi\$.1.80, ph\$.1.80 61-15926

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TT-65-13821

Field 7C

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S-364/64

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Possibly to be done by  
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Call Mr. Marton, 154/7749

May 62

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\*FTD-MT-64-6

Sci - Engr  
Jan 64

<p>Avotina, M. P. and Ostromukhova, G. P. AN INSTALLATION FOR THE ABSOLUTE MEASURE- MENT IN ROENTGENS OF X-RADIATION IN THE 20-60 KV RANGE (Ustanovka dlya Absolyutnykh Iz- merenii v Rentgenakh Rentenovskogo Izlucheniya ot 20 do 60 Kv). [1962] [12]p. 12 refs. Order from OTS or SLA \$1.60      62-23691</p> <p>Trans. of Komitet Standartov, Mer i Izmeritel'nykh Priborov. Trudy Institutov Komiteta (USSR) 1961, no. 55(115) p. 35-41.</p> <p>DESCRIPTORS: *X-rays, Electron tubes, *Dosage, *Dose rate, Measurement, *Ionization chambers.</p> <p>(Nuclear Physics--Instruments, TT, v. 8, no. 5)</p>	<p>62-23691</p> <p>I. Avotina, M. P. II. Ostromukhova, G. P. III. Research International Associates, Washington, D. C.</p> <p>Office of Technical Services</p>
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Balon, Z. P. and Maksimova, M. P.  
NATIONAL ROENTGENOMETRIC STANDARD  
INSTALLATIONS AND THEIR COLLATION  
(Etalonnye Natsionalnye Rentgenometricheskie  
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Order from OTS or SLA \$1.60 62-23692

Trans. of Komitet Standartov, Mer i Izmeritel'nykh  
Priborov. Trudy Instituta Komiteta (USSR) 1961,  
no. 55(115) p. 42-54.

DESCRIPTORS: "X-ray laboratories, Test equipment, \*Radiation instruments, Standardization.

This article presents an outline of standard  
roentgenometric installations in a number of  
countries (the USSR, the United States, Great Britain,  
Sweden, France and others), also the results of  
collation. (Author)

(Physics, TT, v. 8, no. 10)

62-23692

I. Balon, Z. P.  
II. Maksimova, M. P.  
III. Research International  
Associates,  
Washington, D. C.

Office of Technical Services

Aglintsev, K. K. and Ostromukhova, G. P.  
ROENTGEN READINGS IN THE  $\gamma$ -RADIATION  
RANGE, WITH QUANTUM ENERGY OF 0.25-3 MEV  
(Vospriozvedenie Rentgena v Oblast  $\gamma$ -Izlucheniya s  
Energiei Kvantov 0.25 - 3 Mev). [1962] [18]p. 20 refs.  
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Trans. of Komitet Standartov, Mer i Izmeritel'nykh  
Priborov. Trudy Institutov Komiteta (USSR) 1961,  
no. 55(115) p. 55-65.

DESCRIPTORS: \*Sulfur, Beta particles, \*Cobalt,  
Gamma rays, \*Radioactivity, Measurement, Dose  
rate.

As a result of measurements of  $\beta$  -radiation of S<sup>35</sup> and  
 $\gamma$ -radiation of Co<sup>60</sup>, it has been shown that the cor-  
responding currents of saturation arising in chambers  
with pressures up to 20 atm, can be calculated by the  
(Nuclear Physics--Radioactivity, TT, v. 8, no. 8)  
(over)

62-23690

I. Aglintsev, K. K.  
II. Ostromukhova, G. P.  
III. Research International  
Associates, Washington,  
D. C.

Office of Technical Services

Aglintsev, K. K., Maksimova, M. P., and Uryaev,  
I. A.  
ON THE SPECTRUM METHOD FOR THE DETER-  
MINATION OF DOSES FROM BETA-PARTICLE RA-  
DIATORS (O Spektralnom Metode Opyelleniya Doz ot  
Izluchatelei). [1962] [14]p. 9 refs.  
Order from OTS or SLA \$1.60 62-23689

Trans. of Komitet Standartov, Mer i Izmeritel'nykh  
Priborov. Trudy Institufov Komiteta (USSR) 1961,  
no. 55(115) p. 90-97.

DESCRIPTORS: \*Beta particles, Sources, Dose rate,  
Determination, \*Dosimeters, \*Beta ray spectrometers,  
\*Scintillation counters, Stilbenes, Crystals, \*Elec-  
trons, Distribution.

This article surveys a method for the determination of  
doses from flat  $\beta$ -radiators, based on the knowledge  
of the spectral distribution of the electrons. For the  
(Nuclear Physics--Instruments, TT, v. 8, no. 3)  
(over)

62-23689

I. Aglntsev, K. K.  
II. Maksimova, M. P.  
III. Uryaev, I. A.  
IV. Research International  
Associates, Washington,  
D. C.

Office of Technical Services

R-7414-D  
22 August 66

Experimental Determination of the light equivalent  
of A Radiant Force  
By: V. Ye. Kartashevskaya  
From: Komitet Standartov Mer i Izmeritel'nykh Priborov.  
Issledovaniia i oblasti opticheskikh izmerenii i  
izmereni i luchistoi energii. Trudy  
V 56(116) 1961, pp 36-46 ( 11 pp )

Russian - est for wds:

Translate and type 1 original copy only.  
Do not cut or paste-up the figures, but make a figure  
appendix at the end.

S-363/64

A New Method of Temperature Compensation for  
Superhigh Frequency Thermistors for Power Measure-  
ments, by L. M. Zaks, et al. (SF-3127)

RUSSIAN, per, Trudy Komitet Standartov Mer i  
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1962, pp 13-20.

\*JPRS

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Expansion of the Frequency Limit of  
Applicability of High-Frequency  
Permeameters, by A. L. Grokholskiy, et al.  
RUSSIAN, per, Trudy Institutov Komiteta,  
No 72, (132), 1963, pp 53-58.  
\*FTD-MT-65-408

Sci-Elect  
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Investigation of a Apparatus for the  
determination of a Curve of Magnetization  
of Electrotechnical Steel in Low Fields,  
by A. Z. Veksler, N. V. Pen'kov.  
RUSSIAN, per, Trudy Institutov Komiteta,  
No 72 (132), 1963, 59-72.  
\*ITD-MT-65-408

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New Highly Sensitive Ballistic Method  
to Test Ferromagnetic Materials, by  
P. M. Gorunov.  
RUSSIAN, per, Trudy Institutov Komiteta,  
No 72 (132), 1963, pp 73-84.  
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Using a Quartz Magnetometer in Controlling  
Helmholtz, by I. G. Keldhei.  
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\*FTD-ME-65-408

Sci-Elect  
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Electron Gaussmeter EG-1 Based on the  
Use of the Hall Effect, by V. P. Vitkovskiy,  
E. A. Sokolova.  
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Practice of Magnetic Measurements,  
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\*FRD-MT-65-408

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Ferrite-Transistorized Frequency Dividers for  
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No 77(137), 1962. 1965 pp 33-36  
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Foam Formation Upon Oxidation of Paraffin  
in Bubbling Towers, and in a Continuous  
Action Foam Oxidizer, by V. V. Nesmelov,  
O. V. Maninov.  
RUSSIAN, per, Trudy Khimiko-Teknologicheskii  
Institut Kazan, № 26 , 1959, pp 15-18.  
SLA TT-66-10613.

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Growing of Single Crystals of Calcite  
Under Hydrothermal Conditions, by  
N. Yu. Ikornikova.

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Mar 67

TR. A.K. nauk SSSR Inst. Kristallografi<sup>i</sup>

An X-Ray Examination of the Crystal Structure of  
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Spectrophotometric Investigations of the Coloring  
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<p>Rudnitskaya, E. S. FUNDAMENTALS OF THE CRYSTALLOGRAPHY OF CORUNDUM [Osnovnye Svedeniya o Kristallografi i Strukture Kristallov Korunda] tr. by B. W. Kuvshinoff. 2 Oct 62, 9p, 6 refs. APL/JHU TG 230-T337. Order from OTS \$0.50 63-11507</p> <p><u>Trans. of Akademiya Nauk SSSR, Institut Kristallografi Trudy 1953, v. 8, p. 13-20.</u></p> <p>DESCRIPTORS: *Aluminum compounds, Oxides, *Corundum, Ruby, Sapphires, *Crystal structure, Lattices, Symmetry (Crystallography), X-ray diffraction analysis.</p> <p><i>Trans. No 3458 / APL 337</i></p> <p>(Physics--Solid State, TT, v. 9, no. 6)</p>	<p>63-11507</p> <p>I. Rudnitskaya, E. S. II. APL/JHU TG 230-T337 III. Applied Physics Lab., Johns Hopkins U., Silver Spring, Md. IV. Contract NOw-62-0604-c</p> <p>Office of Technical Services</p>
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Properties of Isomorphous Mixtures  $\text{Al}_2\text{O}_3\text{-Cr}_2\text{O}_3$ ,  
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<p>Valyashko, Ye. G. and Grum-Grzhimaylo, S. V. THE COLOR OF CORUNDUM AND METHODS USED IN ITS STUDY. [1960] 17p. Order from ATS \$23. 95</p> <p>ATS-60M47R</p> <p>Trans. of Akad[emiya] Nauk SSSR, Inst[itut] Kristalografi, Trudy, 1953, v. 9, no. 8, p. 111-126</p> <p>148,649</p> <p>Ye. G. Valyashko / A12 T989</p> <p>(Physics--Solid State, TT, v. 5, no. 7)</p>	<p>61-12671</p> <p>1. Corundum--Color 2. Corundum--Test methods I. Valyashko, Ye. G. II. Grum-Grzhimaylo, S. V. III. ATS-60M47R IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p>ATS-60M47R</p> <p>Office of Technical Services</p>
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